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475088 HORIZONTAL

1508361 LINE?

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L1 9850 (HORIZONTAL)(2A)LINE? (P) VERTICAL(2A)LINE?

=> s model (p)(grid? or mesh? or wirefram? or wire(w)fram?)

176076 MODEL

61775 GRID?

187919 MESH?

114 WIREFRAM?

268606 WIRE

423473 FRAM?

L2 4087 MODEL (P)(GRID? OR MESH? OR WIREFRAM? OR WIRE(W)FRAM?)

=> s l2 and l1

L3 54 L2 AND L1

=> d l3 l-

1. 5,754,182, May 19, 1998, Shape model generation device for generating shape models with a reduced number of polygons while maintaining quality of the two-dimensional image the generated shape models; Tadashi Kobayashi, 345/423 [IMAGE AVAILABLE]

2. 5,727,161, Mar. 10, 1998, Method and apparatus for graphic analysis of variation of economic plans; W. Richard Purcell, Jr., 705/7, 30 [IMAGE AVAILABLE]

3. 5,714,751, Feb. 3, 1998, Automatic visor for continuously repositioning a shading element to shade a target location from a direct radiation source; Sweetsun Chen, 250/203.4, 206.1; 359/601 [IMAGE AVAILABLE]

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5. 5,641,385, Jun. 24, 1997, Use of ethylenamine for washing pulp containing lignin; Alan P. Croft, et al., 162/60, 72, 90 [IMAGE AVAILABLE]

6. 5,583,973, Dec. 10, 1996, Molecular modeling method and system; Charles DeLisi, et al., 345/420 [IMAGE AVAILABLE]

7. 5,583,825, Dec. 10, 1996, Method for deriving reservoir lithology and fluid content from pre-stack inversion of seismic data; James J. Carrazzone, et al., 367/31, 83; 702/13, 17, 85 [IMAGE AVAILABLE]

8. 5,542,032, Jul. 30, 1996, Fast display of images of three-dimensional surfaces without aliasing; Mark D. Pritt, 345/421, 419 [IMAGE AVAILABLE]

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15. 5,287,435, Feb. 15, 1994, Three dimensional modeling; Nissan Cohen, et al., 345/418; 264/183, 401; 364/468.26; 425/162 [IMAGE AVAILABLE]

16. 5,268,999, Dec. 7, 1993, Modeling method and system using solid data having functional structure and normal projection drawing dimensional format; Terumichi Yokoyama, 345/441; 364/474.24; 382/141 [IMAGE AVAILABLE]

17. 5,247,436, Sep. 21, 1993, System for interpolating surface potential values for use in calculating current density; Charles L. Stone, Jr., 600/372 [IMAGE AVAILABLE]

18. 5,194,971, Mar. 16, 1993, Computer aided holography and holographic computer graphics; Kenneth A. Haines, 359/9, 22, 29, 32 [IMAGE AVAILABLE]

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2. 5,748,199, May 5, 1998, Method and apparatus for converting a two dimensional motion picture into a three dimensional motion picture; Charles S. Palm, 345/473, 419, 433; 352/50 [IMAGE AVAILABLE]
3. 5,745,666, Apr. 28, 1998, Resolution-independent method for displaying a three-dimensional model in two-dimensional display space; Glenn G. Gilley, et al., 1/1 [IMAGE AVAILABLE]
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5. 5,745,118, Apr. 28, 1998, 3D bypass for download of textures; Byron A. Alcorn, et al., 345/430, 506 [IMAGE AVAILABLE]
6. 5,742,293, Apr. 21, 1998, Data visualizer utilizing exterior selected and depth sorted polyhedron faces; Koji Koyamada, et al., 345/421, 424, 427 [IMAGE AVAILABLE]
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8. 5,742,291, Apr. 21, 1998, Method and apparatus for creation of three-dimensional wire frames; Charles S. Palm, 345/420, 141 [IMAGE AVAILABLE]
9. 5,742,290, Apr. 21, 1998, Molecular orbital modeling system with an improved function processor; Tomoaki Hayano, et al., 345/419, 501; 364/578; 434/283 [IMAGE AVAILABLE]
10. 5,742,288, Apr. 21, 1998, Method of generating or modifying solid model of an object according to cross-sectional shapes and a predetermined relationship and apparatus suitable for practicing the method; Koichi Nishizaka, et al., 345/418; 364/468.04, 578 [IMAGE AVAILABLE]
11. 5,740,343, Apr. 14, 1998, Texture compositing apparatus and method; Gary Tarolli, et al., 345/430, 501, 506 [IMAGE AVAILABLE]
12. 5,740,341, Apr. 14, 1998, Design and production supporting system for component arrangement and pipe routing; Yoshimi Oota, et al., 345/420 [IMAGE AVAILABLE]
13. 5,740,337, Apr. 14, 1998, Stereoscopic imaging system with electronically controlled convergence angle; Toshiyuki Okino, et al., 345/419; 356/11, 12 [IMAGE AVAILABLE]
14. 5,736,987, Apr. 7, 1998, Compression of graphic data normals; Steven M. Drucker, et al., 345/420, 202, 418; 364/715.02; 382/232, 242; 395/888 [IMAGE AVAILABLE]
15. 5,731,818, Mar. 24, 1998, Method and apparatus for constrained gamut clipping; Shijie Wan, et al., 345/431, 150; 358/518, 520 [IMAGE AVAILABLE]
16. 5,729,672, Mar. 17, 1998, Ray tracing method and apparatus for projecting rays through an object represented by a set of infinite surfaces; Martin Ashton, 345/429, 421 [IMAGE AVAILABLE]
17. 5,727,140, Mar. 10, 1998, Character generating method and apparatus; Mutsumi Ohtomo, et al., 345/467, 472 [IMAGE AVAILABLE]
18. 5,727,138, Mar. 10, 1998, Method of and apparatus for generating three-dimensional model; Hiroaki Harada, 345/420, 419; 364/468.1 [IMAGE AVAILABLE]
19. 5,721,572, Feb. 24, 1998, Method of creating and using a four color device gamut descriptor; Shijie Wan, et al., 345/431 [IMAGE AVAILABLE]

20. 5,719,598, Feb. 17, 1998, Graphics processor for parallel processing a plurality of fields of view for multiple video displays; Roy Westlake Latham, 345/419, 433, 505, 521 [IMAGE AVAILABLE]
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25. 5,708,764, Jan. 13, 1998, Hotlinks between an annotation window and graphics window for interactive 3D graphics; Paul Borrel, et al., 345/419; 364/468.09, 468.1 [IMAGE AVAILABLE]
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31. 5,689,287, Nov. 18, 1997, Context-preserving display system using a perspective sheet; Jock D. Mackinlay, et al., 345/427, 433 [IMAGE AVAILABLE]
32. 5,687,305, Nov. 11, 1997, Projection of images of computer models in three dimensional space; Michael Evans Graham, et al., 345/425, 427 [IMAGE AVAILABLE]
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42. 5,644,687, Jul. 1, 1997, Methods and system for thermal analysis of electronic packages; Dereje Agonafer, et al., 345/419, 423 [IMAGE AVAILABLE]
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47. 5,619,635, Apr. 8, 1997, Program controlled system for forms engineering; Frank Millman, et al., 707/530 [IMAGE AVAILABLE]
48. 5,619,626, Apr. 8, 1997, Processing image data; Richard S. Huddy, 345/421, 423 [IMAGE AVAILABLE]
49. 5,619,625, Apr. 8, 1997, Method for interpolating smooth free-form surfaces into curve mesh including composite curves; Kouichi Konno, et al., 345/419, 441 [IMAGE AVAILABLE]
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68. 5,568,597, Oct. 22, 1996, Adapting image data resolution to match resolution of an output device; Tadayoshi Nakayama, et al., 345/432, 428 [IMAGE AVAILABLE]
69. 5,566,284, Oct. 15, 1996, Apparatus and method for mip-map generation using low-pass filtering based on resolution ratio; Yorihiro Wakayama, 345/430 [IMAGE AVAILABLE]
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74. 5,555,356, Sep. 10, 1996, System and method for generating a trimmed parametric surface for display on a graphic display device; Frederick J. Scheibl, 345/434, 423 [IMAGE AVAILABLE]
75. 5,553,217, Sep. 3, 1996, Document layout using tiling; Peter E. Hart, et al., 707/521, 518, 520 [IMAGE AVAILABLE]
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87. 5,499,323, Mar. 12, 1996, Volume rendering method which increases apparent opacity of semitransparent objects in regions having higher specular reflectivity; Akio Doi, et al., 345/426, 424, 431 [IMAGE AVAILABLE]
88. 5,490,243, Feb. 6, 1996, Data processing system for multi-platform print control and electronic data fill; Frank Millman, et al., 707/507, 506, 523 [IMAGE AVAILABLE]
89. 5,481,658, Jan. 2, 1996, Method and apparatus for displaying a line passing through a plurality of boxes; Nimrod Megiddo, 345/419, 418, 421 [IMAGE AVAILABLE]
90. 5,473,736, Dec. 5, 1995, Method and apparatus for ordering and remapping colors in images of real two- and three-dimensional objects; Fredric S. Young, 345/431; 358/518, 520 [IMAGE AVAILABLE]

=> e hong, s?/xa

E#	FILE	FREQUENCY	TERM
E1	USPAT	2	HONG, PATTY/XA
E2	USPAT	101	HONG, PATTY E/XA
E3	USPAT	0 -->	HONG, S?/XA
E4	USPAT	75	HONG, STEPHEN/XA
E5	USPAT	7	HONIG, RICHARD/XA
E6	USPAT	1	HONN, SHICK/XA
E7	USPAT	1	HOOD, WYHH E/XA
E8	USPAT	4	HOOK, GREG/XA
E9	USPAT	66	HOOK, GREGORY/XA
E10	USPAT	1	HOOK, GREGORY R/XA
E11	USPAT	2	HOOK, JAMES/XA
E12	USPAT	244	HOOK, JAMES F/XA